

NASA GODDARD SPACE FLIGHT CENTER

Evaluation Report:

*Using the Invasive Species Forecasting System to support
National Park Service decisions on fire management
activities and invasive plant species control.*

Funded through the NASA Applied Science Program

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Justification for the project proposal to serve as the evaluation report

This document is an evaluation report for the NASA-sponsored project to address decision making within the National Park Service with respect to invasive species and fire ecology, supported by the Invasive Species Forecasting System (ISFS), a joint project of NASA and the USGS. The work will take place at three selected park systems: National Parks and interior Alaska, the greater Yellowstone/Teton area, and the Sequoia/Kings Canyon area.

The project is a result of NASA's Applied Sciences program "Decisions '05" solicitation. The project was fully funded at the level, and with the objectives, described in the project proposal. Therefore the proposal itself is sufficient to serve as an evaluation report, given here, to be maintained on record and publicly available through NASA's Applied Science Program.

Since evaluation reports are supposed to *state the purpose of the project, evidence of its feasibility, and an outline of how the Verification and Validation and Benchmarking process will be completed*, a direct cross walk between those components are listed here:

Purpose of the project, section 2.1 & 2.7

Evidence of feasibility: sections 2.2 – 2.6

Outline of Verification and Validation and benchmarking: section 3.